

Student Learning Assessment Rubric

LEVEL 4

There is evidence in this response that the student, using analysis, has a full and complete understanding of how impact events have shaped the land, atmosphere, and living things.

- The response synthesizes information to provide a complete description of the known effects of an impact event on the Earth system.
- Ideas are well integrated.
- The response uses accurate terminology to explain scientific principles.

LEVEL 3

There is evidence in this response that the student, using analysis, has a good understanding of how impact events have shaped the land, atmosphere, and living things.

- The response synthesizes information to provide a complete description of the known effects of an impact event on the Earth system.
- Ideas are reasonably well integrated.
- The response uses mostly accurate terminology to explain scientific principles.

LEVEL 2

There is evidence in this response that the student has a basic understanding of how impact events have shaped the land, atmosphere, and living things.

- The response provides descriptions of some known effects of an impact event on the Earth system.
- Ideas are reasonably well integrated.
- The response uses limited accurate terminology to explain scientific principles.

LEVEL 1

There is evidence in this response that the student has limited understanding of how impact events have shaped the land, atmosphere, and living things.

- The response provides partial descriptions of one or two effects of an impact event on the Earth system.
- Ideas are not well integrated.
- The response makes little or no use of accurate terminology to explain scientific principles.

LEVEL 0

There is evidence that the student has no understanding of how impact events have shaped the land, atmosphere, and living things.

The response is completely incorrect or irrelevant, or there is no response.